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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of Tihiro Ohkawa for PLASMA MASS FILTER WITH INDUCTIVE ROTATIONAL DRIVE, comprising seventeen (17) pages of specification and claims, and a signed Declaration, Power of Attorney and Petition.

X Applicant claims small entity status. See 37 C.F.R. § 1.27.

Enclosed also are:

X one (1) sheet of drawings.

 A Certified copy of an application.

 An Associate Power of Attorney.

X A Certificate of Mailing by "Express Mail" certifying a filing date of July 3, 2003 by use of Express Mail Label No. EL 798 272 778 US.

The filing fee has been calculated as shown below.

				SMALL ENTITY	OTHER THAN A SMALL ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE				\$375			\$750
TOT. CLMS.	20 -	20 = 0	x 9 =	\$	OR	x18 =	\$
INDEP. CLMS.	3 -	3 = 0	x42 =	\$	OR	x84 =	\$
MULTIPLE DEPENDENT CLAIM PRESENTED				+140 =	\$	OR	+280 = \$
				TOTAL	\$375	OR	TOTAL \$

 Please debit Deposit Account No. 14-1519 in the amount of \$_____ for the government filing fee. Triplicate copies of this sheet are attached.

 X A check in the amount of \$375.00 is enclosed to cover the filing fee.

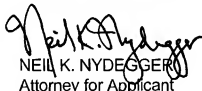
 X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 14-1519, pertaining to i) any additional filing fees required under 37 C.F.R. § 1.16; ii) any patent application processing fees under 37 C.F.R. § 1.17. Copies in triplicate of this sheet are enclosed.

 X Any additional extension of time required for the timely submission of this paper, the fees for which have not been previously paid, is hereby petitioned and requested.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 3rd day of July, 2003.

Respectfully submitted,


NEIL K. NYDEGGER

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PATENT

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

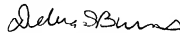
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Date of Deposit: July 3, 2003

I hereby certify that this utility Patent Application, including claims and drawings, in the name of Tihro Ohkawa, for PLASMA MASS FILTER WITH INDUCTIVE ROTATIONAL DRIVE, a Declaration, Power of Attorney, and Petition, and Check No. 16297 in the amount of \$375.00, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Dated this 3rd day of July, 2003.

Respectfully submitted,



DEBRA D. BURNS
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Docket: 11252.54